09/936,145

Patent No. 6,770,475 81

Request for Cert. of Correction dated December 14, 2004

EAttorney Docket No. 3274-011309

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

6770475

5,770,475 Con

Confirmation No. 7911

* IP* Diventors

Inoue et al.

Issued

August 3, 2004

Title

PROMOTERS

Certificate

Examiner

Maniupath N. Baa

DEL 2 8 2004

Manjunath N. Rao

of Correction

Customer No.

28289

REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT FOR PTO MISTAKE (37 C.F.R. 1.322(a))

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

ATTENTION:

Decision and Certificate of Correction Branch

Patent Issue Division

Sir:

In accordance with 35 U.S.C. §254, we attach hereto Form PTO/SB/44 and a copy of proof of PTO errors and request that a Certificate of Correction be issued in the above-identified patent. The following errors appear in the patent as printed:

Face of Patent, See Item (56), References Cited, Add:

U.S. PATENT DOCUMENTS

5,721,137 **B1** Frascotti et al. 02/1998 Under FOREIGN PATENT DOCUMENTS, Add: EP A2 681027 11/1995 JΡ Α 4-278091 10/1992 JP Α 59-205996 11/1984 JP 62-215393 Α 09/1987 JP Α 3-206889 09/1991 JP **B2** 60-262663 09/1994 JP Α 7-155183 06/1995 JP Α 10-262683 10/1998 WO Α1 92/03561 03/1992 wo **A1** 93/10249 05/1993

Under OTHER PUBLICATIONS, Add:

Lehtovaara, Palvi et al., "In vivo transcription initiation and termination sites of an α -amylase gene from *Bacillus amyloliquefaciens* cloned in *Bacillus subtilis*", GENE, Oct. 1984, pp. 11-16,Vol. 30 nos. 1, 2, 3, Elsevier Science Publishers.

Horinouchi, Sueharu et al., "Construction and characterization of multicopy expression-vectors in *Streptomyces* spp", MGG Molecular & General Genetics, Dec. 11, 1987, pp. 468-475, Vol. 210, No. 3.

Palva, llkka et al., "Nucleotide sequence of the promotor and NH₂-terminal signal peptide region of the *a*-amylase gene from *Bacillus amyloliquefaciens*", GENE, 1981, Vol. 15, pp. 43-51, Elsevier/North-Holland Biomedical Press.

Keggins, Kathleen M. et al., "Molecular cloning of genetically active fragments of *Bacillus* DNA in *Bacillus subtilis* and properties of the vector plasmid pUB110", Proc. Nat. Acad. Sci. USA, March 1978, Vol .75, No. 3, pp. 1423-1427, Genetics.

Ehrlich, S. D., "Replication and expression of plasmids from *Staphylococcus aureau* in *Bacillus subtilis*", Proc. Natl. Acad. Sci. USA, April 1977, Vol. 74, No. 4, pp. 1680-1682, Genetics.

Ishiwa, Hiromi et al., "New shuttle vectors for *Escherichia coli* and *Bacillus subtilis*. II. Plasmid pHY300PLK, a multipurpose cloning vector with a polylinker, derived from pHY460", Jpn. J. Genet, 1985, Vol. 60, pp. 235-243.

Bolivar, Francisco et al., "Construction and Characterization of New Cloning Vehicles. II. A Multipurpose Cloning System", GENE, 1977, Vol. 2, pp. 95-113, Elsevier/North Holland Biomedical Press, Amsterdam.

(See attached facsimile dated April 19, 2004 which re-sent the Information Disclosure Statement filed 1-14-2002, date stamped as having been received in the U.S.P.T.O. on 2-11-2002 and returned with the 3-24-2003 Office Action but not initialed.)

Column 24, Line 4, Claim 9, "microorganism a transformed" should read --microorganism transformed--.

Βv

(See Amendment of March 24, 2004, page 3, Claim 34, Line 1.) Claim 34 issued as Claim 9. (Also see Examiner's Amendment accompanying the Notice of Allowability.)

Respectfully submitted.

WEBB ZIESENHEIM LOGSDON ORKIN & HANSON, P.C.

Kent E. Baldauf

Registration No. 25,826 Attorney for Registrants 700 Koppers Building

436 Seventh Avenue

Pittsburgh, PA 15219-1818 Telephone: (412) 471-8815 Facsimile: (412) 471-4094

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO.

6.770.475 B1

DATED

August 3, 2004

INVENTOR(S) :

Inoue et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Face of patent, See Item Item (56), References Cited, Add:

U.S. PATENT DOCUMENTS

5,721,137

B1 Frascotti et al.

02/1998

Under FOREIGN PATENT DOCUMENTS, Add:

EP	A2	681027	11/1995
JP	Α	4-278091	10/1992
JP	Α	59-205996	11/1984
JP	Α	62-215393	09/1987
JP	Α	3-206889	09/1991
JP	B2	60-262663	09/1994
JP	Α	7-155183	06/1995
JP	Α	10-262683	10/1998
WO	A1	92/03561	03/1992
WO	Δ1	93/10249	05/1993

Under OTHER PUBLICATIONS, Add:

Lehtovaara, Päivi et al., "In vivo transcription initiation and termination sites of an *a*-amylase gene from *Bacillus amyloliquefaciens* cloned in *Bacillus subtilis*", GENE, Oct. 1984, pp. 11-16,Vol. 30 nos. 1, 2, 3, Elsevier Science Publishers.

{W0158687.1}

MAILING ADDRESS OF SENDER:

The Webb Law Firm 700 Koppers Building 436 Seventh Avenue

PATENT NO.___

5,770,475

Pittsburgh, PA 15219-1818

No. of additional copies

 \Rightarrow

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO.

6.770.475 B

DATED

August 3, 2004

INVENTOR(S) :

Inoue et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Horinouchi, Sueharu et al., "Construction and characterization of multicopy expression-vectors in *Streptomyces* spp", MGG Molecular & General Genetics, Dec. 11, 1987, pp. 468-475, Vol. 210, No. 3.

Palva, Ilkka et al., "Nucleotide sequence of the promotor and NH_2 -terminal signal peptide region of the α -amylase gene from *Bacillus amyloliquefaciens*", GENE, 1981, Vol. 15, pp. 43-51, Elsevier/North-Holland Biomedical Press.

Keggins, Kathleen M. et al., "Molecular cloning of genetically active fragments of *Bacillus* DNA in *Bacillus subtilis* and properties of the vector plasmid pUB110", Proc. Nat. Acad. Sci. USA, March 1978, Vol. 75, No. 3, pp. 1423-1427, Genetics.

Ehrlich, S. D., "Replication and expression of plasmids from *Staphylococcus aureau* in *Bacillus subtilis*", Proc. Natl. Acad. Sci. USA, April 1977, Vol. 74, No. 4, pp. 1680-1682, Genetics.

Ishiwa, Hiromi et al., "New shuttle vectors for *Escherichia coli* and *Bacillus subtilis*. II. Plasmid pHY300PLK, a multipurpose cloning vector with a polylinker, derived from pHY460", Jpn. J. Genet, 1985, Vol. 60, pp. 235-243.

{W0158687.1}

MAILING ADDRESS OF SENDER:

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PATENT NO. 6,770,475

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO.

6,770,475 B

DATED

August 3, 2004

INVENTOR(S) :

Inoue et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Bolivar, Francisco et al., "Construction and Characterization of New Cloning Vehicles. II. A Multipurpose Cloning System", GENE, 1977, Vol. 2, pp. 95-113, Elsevier/North Holland Biomedical Press, Amsterdam.

Column 24, Line 4, Claim 9, "microorganism a transformed" should read --microorganism transformed--.

{W0158687.1}

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Pittsburgh, PA 15219-1818

PATENT NO.___6,770,475

No. of additional copies

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WEBB ZIESENHEIM LOGSDON ORKIN & HANSON, P.C.

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Telephone: 412-471-8815 Facsimile: 412-471-4094

E-mail: webblaw@webblaw.com

FACSIMILE INFORMATION SHEET

Name of Indi	vidual:	Examiner Manjunath Rao, Ph.D.	
Company: _		U.S. Patent and Trademark Office	
City and Stat	e:	Alexandria, VA 22313-1450	
Facsimile Nu	mber:	703-872-9306	·.
From:	·	Kent E. Baldauf	-
Total Numbe	r of Pages:	7 (including Information Sheet)	
Date Transmitted:			
	<u></u>	Our File 3274-011309	· · · · · · · · · · · · · · · · · · ·
	·		· .
Message:			
	Re: App	ol. No. 09/936,145	-
	Notice of	f Allowance dated 04-13-2004	
	A	ttached for your review is a copy of Applicant's Inform	mation
		re Statement filed 1-14-02 which was inadve	
-		from the enclosures filed with our 3-24-04 Amend	•
		nitial and return for our records. This IDS was re-	
		3-24-03 Office Action but not initialed. Thank you fo	
	consider	•	, ,
	•		*
	<u> </u>	Kent E. Baldauf	

If you do not receive all pages, please call back as soon as possible. The number is (412) 471-8815.

STATEMENT OF CONFIDENTIALITY

The information in this facsimile is <u>privileged</u> and <u>confidential</u> and is intended only for the use of the named recipient. Disclosure or copying of this document or its contents other than by the named recipient is prohibited. If this document is received in error, it should be returned to sender.



The dating stamp of the Patent Office on this card will be taken as an indication that the accompanying paper was filed.

Applicants Yasushi Inoue et al.

Serial No. <u>09/936,145</u>

Paper dated _01/14/2002

Atty's File No. 3274-011309

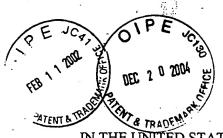
Amount of Check N/A

KEB/dp

In re Patent Application entitled "Promoters"

Information Disclosure Statement (3 pp.-in trip.); Form PTO/SB/08A (2 pp.); copy of references cited; Preliminary Examination Report





PATENT APPLICATION Serial No. 09/936,145 Attorney Docket No. 3274-011309

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit 1651

In re Application of

YASUSHI INOUE ET AL.

Serial No. 09/936,145

Filed September 7, 2001

Examiner - Not Yet Assigned

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FEB 1 4 2002

TECH CENIER 1600/2900

Pittsburgh, Pennsylvania January 14, 2002

PROMOTERS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby submit this Information Disclosure Statement together with a completed Form PTO/SB/30, and a copy of each reference cited or an English-language equivalent thereof.

Several of the references were cited in a Preliminary Examination Report in a counterpart PCT application. A copy of the Preliminary Examination Report and an English-language translation are also enclosed.

I hereby certify that this correspondence is being dep United States Postal Service as first class mail in an env to Assistant Commissioner for Patents, Washington, January 14, 2002.	clope addressed
Diane Paull	
(Name of Person Mailing Paper)	
Signature Paul	01/14/2002 Date

Document D3 cited in the International Preliminary Examination Report, EP 681027 to Enricerche S.P.A., is equivalent to U.S. Patent No. 5,721,137, which is provided herein.

The reference by Moran et al., appearing in Mol. Gen. Genet., Vol. 186, p. 339 (1982) entitled "Nucleotide Sequences that Signal the Initiation of Transcript and Translation in *Bacillus subtilis*" is discussed on page 1 of the specification.

Seven Japanese references provided herein are discussed on page 2 of the specification: JP 59-205996; JP 62-215393; JP 3-206889; JP 6-69377; JP 7-155183; JP 6-500689 (equivalent to WO92/03561) and JP 7-504085 (equivalent to WO93/10249).

Three references discussed on page 9 of the specification are provided herein:
(1) Keggins et al. article appearing in Proc. Natl. Acad. Sci. USA, Vol. 75, 1423-1427 (1978);
(2) Ehrlich article appearing in Proc. Natl. Acad. Sci. USA, Vol. 75, 1680-1682 (1977); and (3) Ishiwa et al. article appearing in Jpn. J. Genet., Vol. 60, pp. 235-243 (1985).

Japanese reference JP 10-262683 is discussed on page 14 of the instant specification.

No fee is due for the submission of this Information Disclosure Statement as it is being filed prior to the issuance of a first Office Action on the merits. Nevertheless, the Commission for Patents is hereby authorized to charge any fees which may be required to Deposit Account No. 23,0650. An original and two copies of this Information Disclosure Statement are enclosed.

Very truly yours,

WEBB ZIESENHEIM LOGSDON ORKIN & HANSON, P.C.

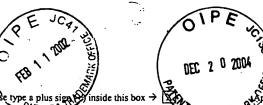
By_

Kent E. Baldauf

Registration No. 25,826 Attorney for Applicants 700 Koppers Building 436 Seventh Avenue

Pittsburgh, PA 15219-1818

Telephone: 412-471-8815 Facsimile: 412-471-4094



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Patent and Tradernark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form	1449A/PTO					
MEODI		21001.00	LIDE	Complete if Known		
INFORMATION DISCLOSURE				Application Number	09/936,145	
STATEMENT BY APPLICANT (use as many sheets as necessary)			ANT	Filing Date	September 7, 2001	
				First Named Inventor	Yasushi Inoue et al.	
				Group Art Unit	1651	
		Examiner Name	Not Yet Assigned			
Sheet	1	of	2	Attorney Docket Number	3274-011309	

U.S. PATENT DOCUMENTS							
Examiner	Cite	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication	 Pages, Columns, Lines, Where Relevant 	
Initials*	No.1		nd Code ²	or Cited Document	of Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	
		5,721,137	B1	Frascotti et al.	Feb. 24, 1998		
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		FO	REIGN	PATENT DOC	JMENTS		
Examiner Initials	Cite No.	Foreign Patent Documen Office ³ Number ⁴	Kind Code ⁵	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		EP 681027	A2	Enricerche SPA	Nov. 1995	U.S. equivalent	
		JP(1992) 4-278091	Α	Higeta Shoyu	Oct. 1992		\dagger
		JP(1984) 59-205996	Α	Fernestock	Nov. 1984	Partial English translation	\top
		JP(1987) 62-215393	Α	Thaunders	Sep. 1987	Partial English translation	+-
		JP(1991) 3-206889	Α	Palva	Sep. 1991	Partial English translation	1
		JP(1994) 60-262663	.B2	Yoshio et al.	Sep. 1994	Partial English translation	T
		JP(1995) 7-155183	A	Yamashita	June 1995	Partial English translation	†
		JP(1998) 10-262683	Α	Inoue et al.	Oct. 1998	Partial English translation	╁
	1	WO 92/03561	A1	Palva	March 1992		+
		WO 93/10249	A1 .	Jorgensen	May 1993		\vdash

Examiner Date	
	•
Signature Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

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FEB 1 4 2002

Approved for use through 10/31/2001. OMB 0651-00 ECH CENTER 1600/2900 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE of 1995 no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DEC 2 0 200

Substitute for for	orm 1449A/PTO				
				Complet	e if Known
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			SURE	Application Number	09/936,145
			ÀΝΤ	Filing Date	September 7, 2001
				First Named Inventor	Yasushi Inoue et al.
(use as many sheets as necessary)				Group Art Unit	1651
				Examiner Namé	Not Yet Assigned
Sheet	2	of	2	Attomey Docket Number	3274-011309

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, cite and/or country where published.	Ţ²
		LEHTOVAARA, Päivi et al., "In vivo transcription initiation and termination sites of an α-amylase gene from <i>Bacillus amyloliquefaciens</i> cloned in <i>Bacillus subtilis</i> ", GENE, Oct. 1984, pp. 11-16, Vol. 30 nos. 1, 2, 3, Elsevier Science Publishers	
		HORINOUCHI, Sueharu et al., "Construction and characterization of multicopy expression-vectors in Streptomyces spp", MGG Molecular & General Genetics, Dec. 11, 1987, pp. 468-475, Vol. 210, No. 3	
		PALVA, likka et al. "Nucleotide sequence of the promoter and NH ₂ -terminal signal peptide region of the α-amylase gene from <i>Bacillus amyloliquefaciens</i> ", GENE, 1981, Vol. 15, pp. 43-51, Elsevier/North-Holland Biomedical Press	
		KEGGINS, Kathleen M. et al., "Molecular cloning of genetically active fragments of <i>Bacillus</i> DNA in <i>Bacillus subtilis</i> and properties of the vector plasmid pUB110", Proc. Nat. Acad. Sci. USA, March 1978, Vol. 75, No. 3, pp. 1423-1427, Genetics	
	·	EHRLICH, S.D., "Replication and expression of plasmids from Staphylococcus aureau in Bacillus subtilis", Proc. Natl. Acad. Sci. USA, April 1977, Vol. 74, No. 4, pp. 1680-1682, Genetics	
		ISHIWA, Hiromi et al., "New shuttle vectors for <i>Escherichia coli</i> and <i>Bacillus subtilis</i> . II. Plasmid pHY300PLK, a multipurpose cloning vector with a polylinker, derived from pHY460", Jpn. J. Genet., 1985, Vol. 60, pp. 235-243	
		BOLIVAR, Francisco et al., "Construction and Characterization of New Cloning Vehicles. II. A Multipurpose Cloning System", Gene, 1977, Vol. 2, pp. 95-113, Elsevier/North Holland Biomedical Press, Amsterdam	

Examiner	Date	П
Signature	Considered	- 1

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Application No. 09/936,145
Paper Dated March 24, 2004
Attorney Docket No. 3274-011309

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.

09/936,145

Applicants

Yasushi Inoue et al.

Filed

September 7, 2001

Title

PROMOTERS

Group Art Unit

1652

Confirmation No.

7911

Examiner

Manjunath N. Rao

Customer No.

28289

MAIL STOP NON-FEE AMENDMENT

Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

SUPPLEMENTAL AMENDMENT

Sir:

Further to the Request for Continued Examination January 22, 2004, Applicants submit the following Supplemental Amendment and accompanying Declaration Under 37 C.F.R. § 1.132.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 4 of this paper.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 24, 2004.

Helen Gerace
(Name of Person Mailing Paper)

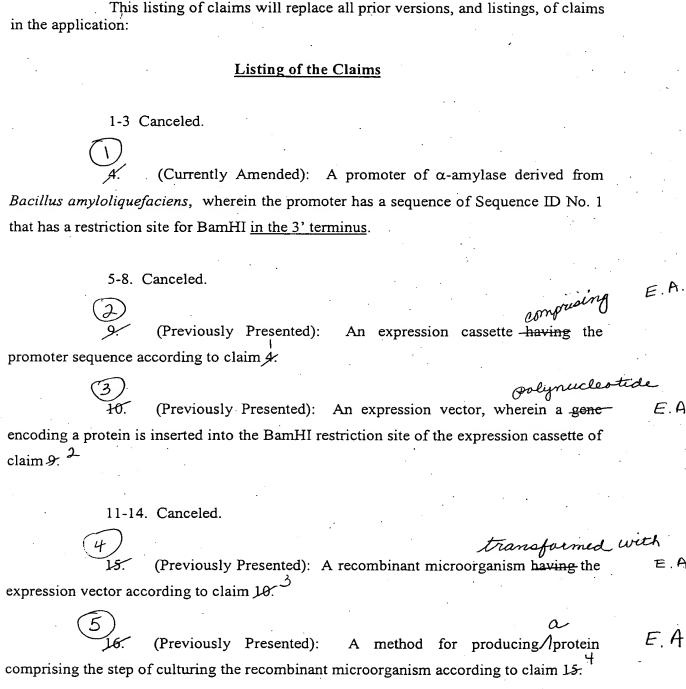
Signature

<u>Матсћ 24, 2004</u> Date

Date

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:



17-30. Canceled.

Application No. 09/936,145 Paper Dated March 24, 2004 Attorney Docket No. 3274-011309

(Currently Amended): A promoter of α-amylase derived from Bacillus amyloliquefaciens, wherein the promoter has a sequence of ID No. 2 that has restriction sites for BamHI, SmaI, KpnI, SacI and EcoRI in this order from 5' end in the 3' terminus.

E.A.

E, A:

(Previously Presented): An expression cassette having the promoter sequence according to claim 31.

Polynucleotide

(Previously Presented): An expression vector, wherein a gene encoding a protein is inserted into one of the restriction sites of the expression cassette of claim 32. 7

(Previously Presented): A recombinant microorganism having the expression vector according to claim-33.

(Previously Presented): A method for producing a protein comprising the step of culturing the recombinant microorganism according to claim 34.

/		
DEC 2 0 2004 E	Application No.	Applicant(s)
\0 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	09/936,145	INOUE ET AL.
Notice of Allowability	Examiner .	Art Unit
PRANENS	Manjunath N. Rao, Ph.D.	1652
The MAILING DATE of this communication appe All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI	(OR REMAINS) CLOSED in this a or other appropriate communicati GHTS. This application is subject	application. If not included ion will be mailed in due course. THIS
1. This communication is responsive to <u>3-26-04</u> .		
2. X The allowed claim(s) is/are 4,9,10,15,16 and 31-35.	•	
3. \boxtimes The drawings filed on <u>10 September 2001</u> are accepted by	the Examiner.	
4. Acknowledgment is made of a claim for foreign priority un a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" of noted below. Failure to timely comply will result in ABANDONMI THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 5. A SUBSTITUTE OATH OR DECLARATION must be submit INFORMAL PATENT APPLICATION (PTO-152) which give (a) including changes required by the Notice of Draftsperson (b) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1.1 each sheet. Replacement sheet(s) should be labeled as such in the company of the proper No./Mail Date DEPOSIT OF and/or INFORMATION about the depose attached Examiner's comment regarding REQUIREMENT F	been received. been received in Application No. cuments have been received in the of this communication to file a rep ENT of this application. itted. Note the attached EXAMINE is reason(s) why the oath or declar to be submitted. on's Patent Drawing Review (PTO) Amendment / Comment or in the selection of the drawing to 37 CFR 1.12 sit of BIOLOGICAL MATERIAL	is national stage application from the ly complying with the requirements ER'S AMENDMENT or NOTICE OF tration is deficient. O-948) attached Office action of wings in the front (not the back) of 1(d). must be submitted. Note the
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Attachment(s)	E Notice of Informat	Detect Application (DTO 452)
 Notice of References Cited (PTO-892) Notice of Draftperson's Patent Drawing Review (PTO-948) 	interview Summar interview Summar	Patent Application (PTO-152)
	Paper No./Mail D	ate
 Information Disclosure Statements (PTO-1449 or PTO/SB/08 Paper No./Mail Date 	•	
4. Examiner's Comment Regarding Requirement for Deposit		nent of Reasons for Allowance
of Biological Material	9. Other	
*		Manjunath N. Rao, Ph.D. Primary Examiner Art Unit: 1652

Application/Control Number: 09/936,145

Art Unit: 1652

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Barbara E. Johnson and Gwen A. Wood on 4-2-04.

The application has been amended as follows:

- A) In claim 9, line 1, delete the word having and replace with "comprising".
- B) In claim 10, line 1, delete the word "gene" and replace with "polynucleotide".
- C) In claim 15, line 1, delete the word "having" and replace with "transformed with".
- D) In claim 16, line 1, delete the phrase "producing protein" and replace with "producing a protein".
- E) In claim 32, line 1, delete the word having and replace with "comprising".
- F) In claim 33, line 1, delete the word "gene" and replace with "polynucleotide".
- G) In claim 34, line 1, delete the word "having" and replace with "transformed with".

Allowable Subject Matter

Claims 4, 9, 10, 15-16 and 31-35 are allowed.

The following is an examiner's statement of reasons for allowance: Following a diligent search it was determined that the prior art neither teaches nor suggests a promoter having a polynucleotide sequnce with SEQ ID NO:1 with a BamHI restriction in the 3' terminus and an expression cassette comprising the same as claimed in the above claims. Examiner has based his allowance by the applicant's claim of unexpected properties observed by them by providing a Bam HI site at the 3' terminus. Applicants have observed that said promoter has the capacity to